

# SOUND ANALYTICAL SERVICES, INC.

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

---

## TRANSMITTAL MEMORANDUM

DATE: February 27, 1995

TO: Holnam, Inc.

PROJECT: NPDES

LABORATORY NUMBER: 46464

Enclosed are the original and one copy of the Tier II data deliverables package for Laboratory Work Order Number 46464. Four samples were received for analysis at Sound Analytical Services, Inc., on February 17, 1995.

Should there be any questions regarding this data package, please do not hesitate to call me at (206) 922-2310.

Sincerely,



Stan P. Palmquist  
Project Manager

USEPA SF



1185518

# SOUND ANALYTICAL SERVICES, INC.

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

Report To: Holnam, Inc.

Date: February 27, 1995

Report On: Analysis of Water

Lab No.: 46464

IDENTIFICATION:

Samples received on 02-17-95

Project: NPDES

ANALYSIS:

Lab Sample No. 46464-1

Client ID: 950216-1-5-1-1

General Chemistry

<u>Parameter</u>	<u>Method</u>	<u>Result</u>	<u>PQL</u>
Oil and Grease, mg/L	EPA 413.1	6	5
Total Suspended Solids, mg/L	EPA 160.2	85	5
Turbidity, NTU	EPA 180.1	51	10

Lab Sample No. 46464-2

Client ID: 950216-2-5-1-1

General Chemistry

<u>Parameter</u>	<u>Method</u>	<u>Result</u>	<u>PQL</u>
Oil and Grease, mg/L	EPA 413.1	ND	5
Total Suspended Solids, mg/L	EPA 160.2	430	10
Turbidity, NTU	EPA 180.1	200	40

ND - Not Detected

PQL - Practical Quantitation Limit

# SOUND ANALYTICAL SERVICES, INC.

Holnam, Inc.  
Project: NPDES  
Lab No. 46464  
February 27, 1995

Lab Sample No. 46464-3

Client ID: 950216-3-5-1-1

## General Chemistry

<u>Parameter</u>	<u>Method</u>	<u>Result</u>	<u>PQL</u>
Oil and Grease, mg/L	EPA 413.1	ND	5
Total Suspended Solids, mg/L	EPA 160.2	350	10
Turbidity, NTU	EPA 180.1	130	40

Lab Sample No. 46464-4

Client ID: 950216-4-5-1-1

## General Chemistry

<u>Parameter</u>	<u>Method</u>	<u>Result</u>	<u>PQL</u>
Oil and Grease, mg/L	EPA 413.1	ND	5
Total Suspended Solids, mg/L	EPA 160.2	310	10
Turbidity, NTU	EPA 180.1	240	40

ND - Not Detected

PQL - Practical Quantitation Limit

# SOUND ANALYTICAL SERVICES, INC.

ANALYTICAL & ENVIRONMENTAL CHEMISTS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

## QUALITY CONTROL REPORT

### General Chemistry

Client: Holnam, Inc.  
Lab No: 46464qc

### METHOD BLANKS

Parameter	Result	PQL
Oil and Grease, mg/L	ND	5
Total Suspended Solids, mg/L	ND	2
Turbidity, NTU	ND	10

ND = Not Detected

PQL = Practical Quantitation Limit

### DUPLICATES

Parameter	Lab Sample No.	Sample Result	Duplicate Result	RPD
Total Suspended Solids, mg/L	46433-1	47.5	45.5	4.3
Turbidity, NTU	46464-1	51	53	3.8

RPD = Relative Percent Difference

### BLANK SPIKE

Parameter	BS Result	BS Amount	BS %R
Oil and Grease, mg/L	184	200	92

%R = Percent Recovery

BS = Blank Spike

## UST PARAMETERS

## CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

CLIENT: <b>Holnam (TESI)</b>						ANALYSIS REQUESTED: <b>Specify State</b>																						
PROJECT NAME: <b>NPDES</b>																												
CONTACT: <b>Steve High</b>																												
PHONE NO: <b>572-4254</b>																												
LAB #	SAMPLE I.D.	DATE	TIME	MATRIX	# of Containers	HCID	TPH-G	TPH-D	TPH 418.1	BTEX	TPH-G / BTEX	TPH 8015M	Total Lead	TCLP Lead	PCB's	PAH's	Phenols	Halogenated Volatiles EPA 601/8010	Aromatic Volatiles EPA 602/8020	Volatile Organics EPA 824/8240 GC/MS	Semi-volatiles EPA 825/8270 GC/MS	Metals	Total Halogens					
950216-1-5-14	21695	1540	W	2																								
950216-2-5-1-1	21695	1530	W	2																								
950216-3-5-1-1	21695	1520	W	2																								
950216-4-5-1-1	21695	1520	W	2																								

	Signature	Printed Name	Firm	Time / Date	SPECIAL INSTRUCTIONS/COMMENTS:  <b>Invoice Holnam Report to TESI</b>
Relinquished By	<i>[Signature]</i>	Steve High	TESI	2-17-95	
Received By	<i>[Signature]</i>	Don Nguyen	SAS	11:00 2-17-95	
Relinquished By					
Received By					
Relinquished By					